



NON-MICROBIAL PLANT BIOSTIMULANT FOR THE QUALITY OF THE CROPS: COLOUR, SIZE, FIRMNESS AND TURGOR



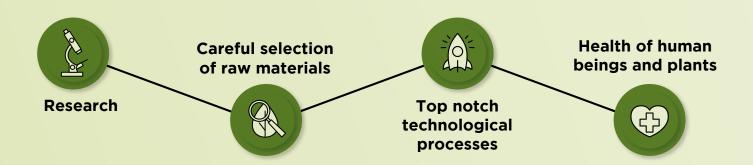




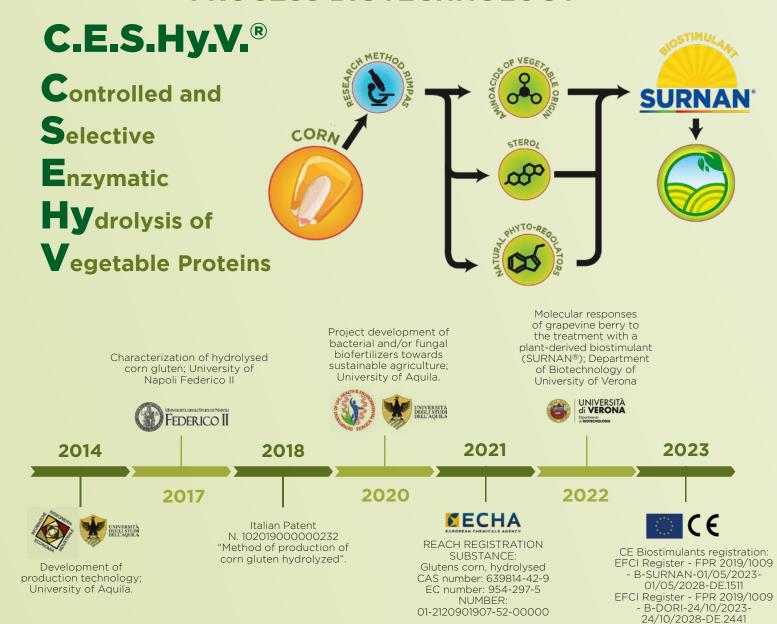


TECHNOLOGY AND MILESTONES





PROCESS BIOTECHNOLOGY





Certificate Number & Issue date: EFCI Register - FPR 2019/1009 -B-SURNAN-01/05/2023- 01/05/2028- DE.1511



CE BIOSTIMULANT derived from corn gluten hydrolysate.

CLAIM: improvement of crop quality.

TARGET: colour, size, firmness and turgor of the fruits.

COMPONENTS: CMC 1 Virgin material substances and mixtures.

Glutens corn, hydrolysed (CAS n° 639814-42-9)

EXPERIMENTAL PROTOCOL

Treatment	Product name	Concentration	Dosage rate	Unit rate	Application
1	Untreated check				
2	Urea nitrogen	46 %	1,6	Kg/ha	А
3	Surnan®	2,5 %	25	Kg/ha	А
4	Surnan®	2,5 %	50	Kg/ha	Α
5	Reference product				Α



Replication: 4 (randomized block) - Application A: beginning of ripening. Type of application: fertigation. - Irrigation system: drip irrigation.



Surnan® 25 Kg/ha



Untreated check





1,6 Kg/ha

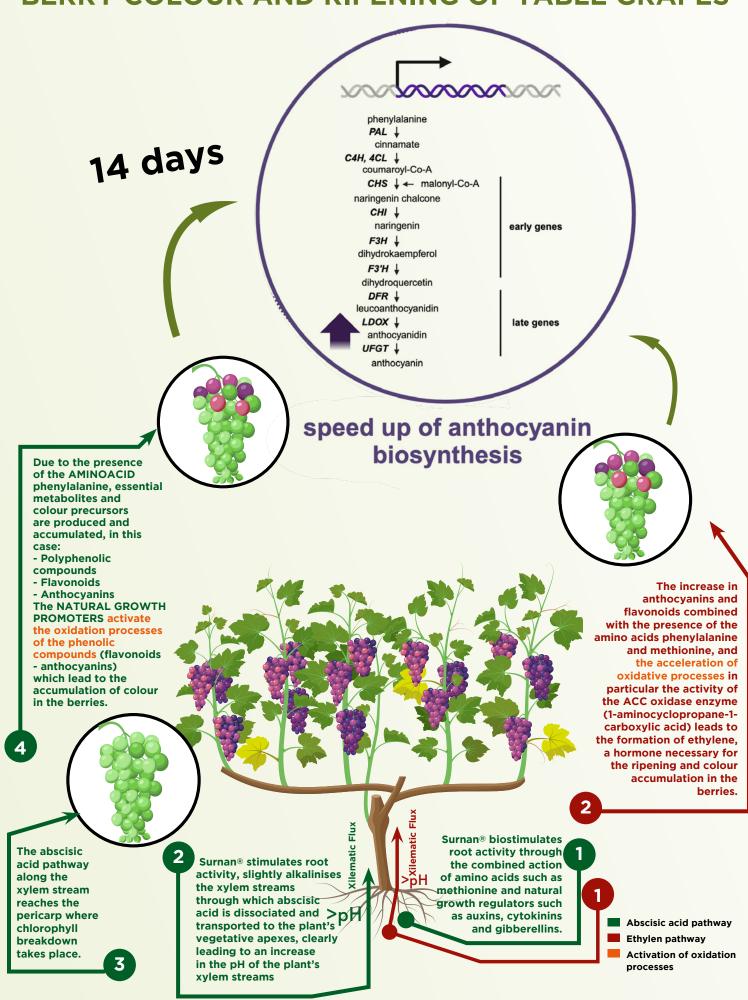
Urea



Reference product



EFFECTS OF THE SOIL APPLICATION OF A PLANT-DERIVED PROTEIN HYDROLYSATE ON BERRY COLOUR AND RIPENING OF TABLE GRAPES







PRODUCT STRENGTHS



Raw Material from the plant for the life of all other plants.



Sustainable biostimulant.



Effective response to manufacturer's needs.



Guarantee of quality and healthiness for the consumer.



Ability to induce in the plant the synthesis of helictors for resistance to biotic and abiotic stresses.







Certified Quality, Environmental, Safety Managment System: ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018

